



## ZAP GREASE COPPER COMPOUND

### Description

**ZAP Grease COPPER Compound** is a fumed silica thickened lubricating grease/paste based on a high quality mineral base oils blend. The grease contains very fine Copper powder and special polymers providing excellent adhesiveness on metal surfaces. It is high performance anti-seize lubricant. The special inorganic fumed silica thickener makes it suitable for applications at very high temperatures.

### Application

**ZAP Grease COPPER Compound** is ideal solution for assembling / disassembling operations, long term protection against corrosion and seizing, lubrication of sliding surfaces.

Use **ZAP Grease COPPER Compound** as a lubricant in automotive assembling / disassembling operations to protect against corrosion and seizing: bolts, screws, threaded joints of exhaust systems, disc brake pads, suspension components, battery terminals and spark plug threads.

It is suitable as an assembling and anti-seize lubricant in industrial applications like cylinder head studs and gaskets, gas burner connections, steam pipe threads.

Operating temperature range as a Grease:

from -20 to 180°C

Operating temperature range as a Paste:

from -20 to 1200°C

### Product data

Stock No. Z-20

400 g Pull-Off Cartridge

24 Cartridges per Box

50 Boxes per Pallet

Barcode Cartridge / Box: 4752134000796 / 4752134000819

Other Packages on Request

Shelf Life: 5+ years (from date of manufacture)

### Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2
Thickener		-	Fumed Silica
Base Oil		-	Mineral
Colour	Visual	-	Copper
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	265 – 295
Dropping Point	ISO 6299	°C	Infusible (>305: as per test method, does not drop)
Operating Temperature Range as a Grease		°C	-20°C to 180°C
Operating Temperature Range as a Paste		°C	-20°C to 1200°C

Above characteristics are mean values given as information for guidance purposes only.

No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product

### Performance Features

- Non-melting Grease/Paste**  
 Recommended for applications where usage of conventional thickener greases and mixed soaps are limited due to their melting point.
- Oxidation and Thermal Stability**  
 Very good oxidation stability and excellent adhesion to the surfaces. Prevents seizing or rusting under extremely high temperature up to 1200°C.
- Protection against rust and corrosion**  
 Protects metal parts from rust and corrosion. Non-abrasive. Avoids welding or seizing during long operation time.
- Contains Very Fine Copper Powder**  
 Copper powder acting as a solid lubricant provides high plasticity and excellent lubricating capability. Protects against fretting wear, seizing and corrosion, improves thermal stability.
- Innovative High Technology Product**  
 Very special Copper Compound with chemically inert thickener composition.

### Technical Specifications

ISO 6743-9: ISO-L-XBGG B 2

DIN 51502: KPF2U-20

